

PATENT
Attorney Docket No.: 46884-5396

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Katsumi SHIBAYAMA et al.) Confirmation No.: 7804
U.S. Application No.: 10/541,616)
Filed: July 7, 2005) Group Art Unit: Unassigned
For: WIRING SUBSTRATE AND RADIATION) Examiner: Unassigned
DETECTOR USING SAME)

Commissioner of Patents
MAIL STOP PCT

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS
UNDER 35 U.S.C. § 371 IN THE U.S. DESIGNATED/ELECTED OFFICE (DO/EO/US)

1. This replies to the Notification of Missing Requirements (Form PCT/DO/EO/905) mailed May 25, 2006.

A copy of the Notification of Missing Requirements (Form PTC/DO/EO/905) is enclosed.

2. Declaration Or Oath

- No declaration or oath was filed. Enclosed is the original Combined Declaration and Power of Attorney.
- The specification attached to the declaration is a copy of the specification and any amendments thereto which were filed in the PTO to obtain the filing date.
- The declaration or oath which was filed was determined to be defective. A new original Combined Declaration and Power of Attorney is attached.

3. English Translation of Non-English Language Papers

- Submitted herewith is a verified English translation of the non-English language application papers as originally filed. It is requested that this translation be used as the copy for examination purposes in the PTO.
- Also enclosed is the Verification of Translation Document

4. Small Entity Statement(s)

- Applicant(s) hereby assert small entity status.

5. Fee Calculation

Basic National Stage Fee: \$300.00				Previously Paid
	Number Filed	Number Extra	at a Rate of	
Total Claims	11 - 20 =	0	\$50.00 each=	\$0.00
Independent Claims	1 - 3 =	0	\$200.00 each=	\$0.00
Multiple dependent claim(s), if any			\$360.00	\$0.00
Missing Requirements Surcharge Fee			\$130.00	\$130.00
Application Size Fee \$250.00 for each additional 50 sheets that exceeds 100				\$0.00
Application Search Fee			\$500.00	Previously Paid
Examination Fee			\$200.00	Previously Paid
			SUB-TOTAL	=\$130.00
Fee For Application Filed With A Non-English Specification (37 C.F.R. § 1.17(k) and § 1.52(d))			\$130.00	\$0.00
Fee For Processing and retention of application (37 C.F.R. § 1.21(l) and § 1.53(d))			\$130.00	\$0.00
			TOTAL FILING FEE	= \$130.00

6. Extension of Time

The proceedings herein are for a patent application and the provisions of 37 C.F.R. § 1.136(a) apply.

Applicants petition for an extension of time, the fees for which are set out in 37 C.F.R. §§ 1.17(a)-(d), for the total number of months checked below:

	<u>Total Months Requested</u>	<u>Extension Fee</u>	<u>Extension Fee [Small Entity]</u>
<input type="checkbox"/>	One month	\$120.00	\$60.00
<input type="checkbox"/>	Two months	\$450.00	\$225.00
<input type="checkbox"/>	Three months	\$1,020.00	\$510.00
<input type="checkbox"/>	Four months	\$1,590.00	\$795.00
<input type="checkbox"/>	Five months	\$2,160.00	\$1,080.00

Extension of time fee due with this request: \$_____

If an additional extension of time is required, please consider this a Petition therefor.

Applicant believes that no extension of time is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition and fee for extension of time.

7. Fee Payment

The total fee due is: Completion Fees \$130.00
 07/26/2006 MKAYPAGH 00000150 10541616 Assignment Fees \$40.00
 01 FC:1617 Total Fee Due \$170.00
 130.00 OP

A check in the amount of \$170.00 to cover the above fees is enclosed

The Commissioner is hereby authorized to charge the total fee due to Deposit Account 50-0573.

Except for issue fees payable under 37 C.F.R. §1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. §1.16 and §1.17 which may be required, or credit any overpayment to Deposit Account No. 50-0573.

8. Additional papers enclosed.

Submission of Replacement Drawings including eight (8) sheet of drawings containing Figures 1-8B

PCT/IB/338 English translation of the International preliminary Examination Report

PCT/ISA/210 (International Search Report dated April 13, 2004)

Information Disclosure Statement

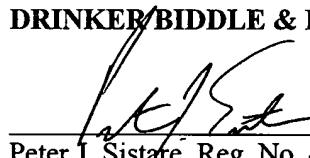
Form PTO-1449, 4 non-US patent documents as listed

Assignment Recordation Cover Sheet (PTO Form-1595)

Assignment of the invention to HAMAMATSU PHOTONICS K.K.

Respectfully submitted,

DRINKER/BIDDLE & REATH LLP


Peter J. Sistare, Reg. No. 48,183

Date: July 21, 2006
Customer No. 055694
DRINKER BIDDLE & REATH LLP
1500 K. Street, N.W., Suite 1100
Washington, DC 20005-1209
Tel: (202) 842-8800
Fax: (202) 204-0289

Eileen



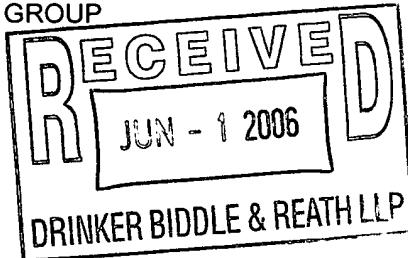
UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/541,616	Katsumi Shibayama	046124-5396

23973

DRINKER BIDDLE & REATH
 ATTN: INTELLECTUAL PROPERTY GROUP
 ONE LOGAN SQUARE
 18TH AND CHERRY STREETS
 PHILADELPHIA, PA 19103-6996



Date Mailed: 05/25/2006

INTERNATIONAL APPLICATION NO.

PCT/JP04/00077

I.A. FILING DATE	PRIORITY DATE
01/08/2004	01/08/2003

CONFIRMATION NO. 7804
 371 FORMALITIES LETTER



OC000000018945782

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 07/07/2005
- English Translation of the IA filed on 07/07/2005
- Copy of the International Search Report filed on 07/07/2005
- Preliminary Amendments filed on 07/07/2005
- U.S. Basic National Fees filed on 07/07/2005
- Non-English Language Application filed on 07/07/2005
- Specification filed on 07/07/2005
- Claims filed on 07/07/2005
- Abstracts filed on 07/07/2005
- Drawings filed on 07/07/2005

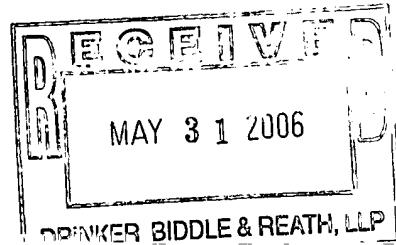
Docketed 61-06 Attorney TGS/PAB
 Case 46894-5391-004S
 Due Date 7-25-06
 Action missing requirements
 By P3M Chk _____

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:



Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

BARBARA A CAMPBELL

Telephone: (703) 308-9140 EXT 217

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/541,616	PCT/JP04/00077	046124-5396

FORM PCT/DO/EO/905 (371 Formalities Notice)